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Amdt. dated: May 17, 2006
Preliminary Amendment

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

25.   (currently amended) In a clustering system having primary and secondary host computers coupled to a storage system and a management computer, wherein the primary and secondary host computers include cluster management functions, wherein the storage system includes a LUN security function therein so that [[a]] one or more predetermined host computers of the clustering system can access at least one of a plurality of logical units in the storage system, a method comprising:

storing access control information in the storage system, in connection with host identification information and logical unit identification information, wherein the LUN security function in the storage system allows the primary host computer to access a specific logical unit of the logical units and disallows the secondary host computer to access the specific logical unit based on the access control information;

changing ownership for the specific logical unit from the primary host computer to the secondary host computer by the cluster management functions;

based upon ownership information provided by the cluster management functions, coordinating management of security for the specific logical unit in the management computer based on corresponding information to the access control information, the corresponding information to the access control information being stored in the management computer; and

changing the access control information in the storage system, by the storage system using the LUN security function located therein, for [[disabling]] disallowing the primary host computer to access the at least one of a plurality of logical units specific logical unit and [[enabling]] allowing the secondary host computer to access the at least one of a plurality of logical units specific logical unit based upon a request for changing the access control information from the management computer;

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wherein the request for changing the access control information from the management computer is issued [[when]] if the secondary host computer takes over processing of the primary host computer.

26.   (currently amended) The method of claim 25, wherein the request for changing the access control information from the management computer is issued after the secondary host computer gains ownership for [[at least one of a plurality of]] the specific logical unit[[s]].

27.   (currently amended) The method of claim 26, wherein the secondary host computer gains ownership of the [[at least one]] specific logical unit when detecting a change of condition in the primary host computer.

28.   (previously presented) The method of claim 27, wherein the condition comprises a fault condition.

29.   (canceled)

30.   (canceled)

31.   (new) In a clustering system having primary and secondary host computers coupled to a storage system and a management computer, wherein the primary and secondary host computers include cluster management functions, wherein the storage system includes a LUN security function therein so that one or more predetermined host computers of the clustering system can access at least one of a plurality of logical units in the storage system, a method comprising:

storing access control information in the storage system, in connection with host identification information and logical unit identification information, wherein the LUN security function in the storage system allows the primary host computer to access a specific logical unit of the logical units and disallows the secondary host computer to access the specific logical unit based on the access control information;

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changing ownership for the specific logical unit from the primary host computer to the secondary host computer by the cluster management functions;

based upon ownership information provided by the cluster management functions, coordinating management of security for the specific logical unit in the management computer based on corresponding information to the access control information, the corresponding information to the access control information being stored in the management computer; and

changing the access control information in the storage system, for disallowing the primary host computer to access the specific logical unit and allowing the secondary host computer to access the specific logical unit based upon a request for changing the access control information from the management computer;

wherein the request for changing the access control information is coordinated by the management computer and is issued based upon a message sent when the secondary host computer takes over processing of the primary host computer.